



Government of West Bengal  
**Institute of Postgraduate Medical Education & Research**  
**Centre of Excellence in Medical Education & Research**

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**Institute of Cardiovascular Sciences**  
**Cardiothoracic & Vascular Surgery**

**FACULTY**

Dr. Ansuman Mondal; MS, MCh  
Dr. Ashis Mandal; MS, MCh.  
Dr. Prakash Shanki; MS, MCh.  
Dr. Santanu Dutta; MS, MCh. FICS, PhD  
Dr. Subhendu Sekhar Mahapatra; DTCD, MS, MCh  
Dr. Jayita Chakrabarti; MS, MCh  
Dr. Silpa Basu Roy; MS, MCh  
Dr. Dipayan Ghosh; DNB, MCh  
Dr. Sanjit Mondal; DNB, MCh  
Dr. Soumyadip Saha; MS, MCh

Professor – Released on transfer On: 27.07.2022  
Professor – Joined on transfer on: 27.07.2022  
Professor – Joined on transfer on: 22.07.2022  
Professor  
Professor  
Associate Professor  
Associate Professor  
Associate Professor – Released on transfer in July 2022  
RMO – Released on transfer on: 29.11.2022  
RMO – Released on transfer in July 2022

**Senior Residents**

Dr. Nilakash Bhattacharya; MS, MCh.  
Dr. Ranmita Pal; MS, MCh

**Medical Officer**

Dr. Rita Neogi

**Postdoctoral Trainees (MCh)**

2020 - 2023	2021 - 2024	2022 -2025
Dr. Riddhika Majumder Dr. Sourav Paik Dr. Shaikh Wasim Rana Dr. Debashis Sain	Dr. Surojit Sarkar Dr. Nabarun Mallik Dr. Debtanu Hazra Dr. Rituparna Dasgupta Dr. Akash Dr. Ritwik Hooda	Yet to join

**MCh pass out 2022:**

Dr. Priyadarshan Konar  
Dr. Ronmita Paul

**FACULTY NEWS**

**Prof. Ashis Mandal**

- Attended Scientific Meet of ATCVS-WB, 2022
- Attended CME on 'New generation tissue valve' held on November 2022, New Delhi
- Moderator of every departmental academic activity.

**Prof. Prakash Shanki**

- Attended Scientific Meet of ATCVS-WB, 2022
- Examiner MCh examination at Chennai, Lucknow.
- Organized Wet Laboratory training on bovine heart for open heart surgery access and coronary artery anastomosis.
- Moderated departmental death review meeting.
- Renal transplantation (vascular anastomosis)

**Prof. Shantanu Dutta**

- Attended Scientific Meet of ATCVS-WB, 2022
- Moderator of Case presentation session of regular departmental academic activity.

**Publications**

1. Congenital heart disease in the pediatric population in eastern India: a descriptive study. Indian Pediatrics
2. Efficacy of oral Tadalafil in preoperative management of adult ostium secundum atrial septal defect complicated with pulmonary arterial hypertension. Indian Journal of Applied Research.
3. Mediastinal tumors: a clinic-pathological study with special reference to immunohistochemistry. June 2020, IOSR, Journal of dental and medical sciences
4. Depression and Coronary Artery Disease, Aug 2020 in International Journal of Scientific Research
5. Study of the patient presenting with cardiac myxoma at a tertiary care hospital in Eastern India: International Journal of Contemporary medical Research, vol 8, , issue 1, 2021
6. Phase IV post marketing surveillance study shows continued efficacy and safety of Stenpeucel in patient with critical limb ischaemia due to Buerger's disease: Stem Cell Translational Medicine

**Prof. Subhendu Sekhar Mahapatra**

- One of the main surgeons in first heart transplant surgery in IPGMER,SSKM Hospital, done on 3rd July, 2019 and first heart transplant in a post valve surgery recipient in eastern India, done on 5th Nov,2019.
- Organising Secretary- Annual Scientific Meet of ATCVS-WB,2022 Consultant Vascular Surgeon in Renal Transplant Programme, SSKM Hospital

**Publications**

1. Effect of off pump coronary artery bypass surgery on C-reactive protein level. Original article, sent for publication to Journal of Cardiovascular Medicine and Surgery.(ref.no; JCMS\_11059\_2019).
2. Relationship of Off pump coronary artery bypass surgery with the cardiac enzyme Troponin T. Original article, sent for publication to Journal of Evolution of Medical and Dental Sciences.(ref.no; JEMDS-17772).
3. Bloodless Cardiac Surgery- Comparison of Outcomes between Two Groups in Post Cardiac Surgery Patients with and without Blood Transfusions: J. Evolution Med. Dent. SciVol. 9/ Issue 14/ Apr. 06, 2020
4. Phase IV post marketing surveillance study shows continued efficacy and safety of Stenpeucel® in patient with critical limb ischemia due to Buerger's disease: Stem Cell Translational Medicine.
5. Label extension, single arm, Phase III study shows efficacy and safety of Stenpeucel® in patients with critical limb ischemia due to atherosclerotic peripheral arterial disease.

**Research**

- Prospective, multicentric, randomized, open label, two arm, parallel group, comparative dose escalation clinical study to evaluate the safety and efficacy of R-HSC-002 (autologous bone marrow derived MSCs) and R-HSC-003 (allogeneic umbilical cord derived MSCs) dosage as an adjunct cell-based therapy in treatment of patients with Ischemic Limb Disease.

**Dr. Jayita Chakrabarti**

Examiner for DPFT program  
Attended Annual Scientific Meet of ATCVS-WB,2022

**Publications**

1. Effect of off pump coronary artery bypass surgery on C-reactive protein level. Original article, sent for publication to Journal of Cardiovascular Medicine and Surgery.(ref.no; JCMS\_11059\_2019).

2. Relationship of Off pump coronary artery bypass surgery with the cardiac enzyme Troponin T. Original article, sent for publication to Journal of Evolution of Medical and Dental Sciences.(ref.no; JEMDS-17772).

#### Research

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**Dr. Shilpa Basu Roy**

- Attended Scientific Meet of ATCVS-WB, 2022
- Presented a paper on the topic: Prevalence and management outcomes of cardiac myxoma in a tertiary care hospital in eastern India at IMA national conference, 2020
- Vascular Surgeon in Renal Transplant Program, SSKM Hospital
- Successfully completed basic course in Biomedical Research conducted by ICMR in Sept 2021.
- Successfully completed the Revised Basic Course Workshop in Medical Education Technology under the aegis of National Medical Commission at IPGMER.

**Publications**

1. Management strategies of Pulmonary Hydatid cyst : A prospective observational study: International Journal of Contemporary medical research, July 2020
2. A study on the effect of Metformin Versus Myoinositol in the management of PCOS: A randomized controlled trial: Journal of Indian Medical association
3. Maternal and fetal outcome in women of 20-25 year age group and above 35 years age group in a tertiary care hospital in eastern India: a prospective comparative observational study, International Journal of Contemporary medical research, August 2020
4. A study of the patients presenting with cardiac myxoma in a tertiary care hospital in eastern India, International Journal of Contemporary medical research, December 2020

**Research**

- Acting as co-principal investigator of the project- "Prevalence of diabetes mellitus and thyroid dysfunction in pregnancy in a tertiary care centre of West Bengal" at IPGMER and SSKM Hospital under Dept of Science and Biotechnology, Govt of West Bengal

**ACADEMIC ACTIVITY**

- Started course of B.Sc. Perfusion technology
- Started course of M.Sc. Perfusion technology
- Started course of Diploma in Perfusion technology
- OT from Monday to Friday.
- Practical demonstration of surgical steps before surgery
- Every Saturday 09:30 am - 12:00 pm: Academic discussion & case presentation. Journal club.
- Every 4<sup>th</sup> Saturday: Death review meeting
- Monthly joint academic meet and class with department of Cardiology and CTVA
- Wet laboratory training on bovine heart on 24/12/22: Practice on coronary anastomosis and open heart surgery access.
- Annual Scientific Meeting organized by Association of Thoracic and Cardiovascular Surgery (West Bengal chapter) on 29<sup>th</sup> October 2022. All faculties and residents attended the scientific session.
- National conference of IACTS organized at Jaipur, Rajasthan attended by Dr Angsuman Mandal, Dr Subhendu Sekhar Mahapatra, Dr Jayita Chakraborty, Dr Priyadarshan Konar, Dr Ranmita Paul, Dr Riddhika Mazumdar.

**RESEARCH ACTIVITY:(Postdoctoral Trainee's Thesis)**

1. Dr Riddhika Majumder: A comparative study of outcomes in complete vs supracomplete territorial grafting.
2. Dr. Sourav Paik: A prospective study on concomitant tricuspid valve repair with mitral valve repair.
3. Dr. Debashis Sain: Study on etiopathogenesis of Mitral Valve diseases and its involvement in mitral valve apparatus during mitral valve surgery.
4. Dr. Wasim Rana: A comparative study on initial proximal vs distal anastomosis in CABG.

**WORKING INFRASTRUCTURE AND SERVICE INFORMATION**

- OPD Services Six days in a week
- Total no. of OT Three - all three are makeshift OT without ceiling fitted OT Lights
- ECMO Services At Sambhunath Pandit Hospital
- Departmental Library One
- Seminar Room One – sharing with CTV Anaesthesia

**Service Summary**

OPD Attendance	Admissions	Operations Done
NEW Pts..... OLD Pts.....	MALE 523 FEMALE 392	MAJOR .....1150 MINOR .....152 = 1302(till 26/22)

<ul style="list-style-type: none"> <li>• Referrals:(We attend all inter departmental referrals- atleast 3/4 per day)</li> <li>• Extra departmental Operations: (We participate in emergency or elective vascular surgical assistance in all OTs on demand.</li> <li>• EMERGENCY SERVICES: 24 x 7</li> </ul>	RENAL TRANSPLANTS ..... 34 (live) Cadaveric donor.....14
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**OPD Dates**

MONDAY	Dr. Jayita Chakrabarti
TUESDAY	Dr. Santanu Dutta
WEDNESDAY	Dr. Prakash Shanki
THURSDAY	Dr. Ashis Mandal
FRIDAY	Dr. Subhendu Sekhar Mahapatra
SATURDAY	Dr. Shilpa Basu Roy

**FUTURE PROVISIONS**

- Homograft Valve and Tissue Bank
- Neonatal and Pediatric Cardiac Surgery Unit
- Customized HEART and HEART- LUNG TRANSPLANT Unit
- HYBRID VASCULAR PROCEDURE THEATRE
- ADOPTION TO NEWER THORACIC SURGICAL DEVELOPMENTS  
(Immensely important for future prospects & transplant program)  
Video Assisted Thoracic Surgery (presently working with limited instruments)  
Robot Assisted Thoracic Surgery (There is no Robot in any government institution at present)
- Departmental CSSD unit.
- Development of newer room to adopt proposals and to extend service facility, e.g. Cabins etc.